

# Iván E. Aristy Eusebio

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## SUMMARY

Full-Stack Developer with end-to-end experience building, testing, and deploying applications. Proficient in creating scalable backend services with Python (FastAPI) and Java (Spring), and building modern user interfaces with Next.js. Skilled in automating the full development lifecycle with containerization and CircleCI pipelines.

## SKILLS

Languages	Java 8 (OCA), Python, SQL, TypeScript, CSS, HTML, C++
Frontend	React, Next.js, React Native, Tailwind, shadcn/ui, daisyUI, TanStack, D3
Backend / APIs	Spring Boot, FastAPI, tRPC, gRPC, Django; REST, OpenAPI, MCP
Data / Storage	PostgreSQL/MySQL, MongoDB, Redis; Prisma/Drizzle, SQLAlchemy
AI/ML	spaCy, scikit-learn, PyTorch, LangChain, AWS Bedrock, OpenAI; RAGs, embeddings
Cloud/DevOps	AWS, GCP; Docker, GitHub Actions, CircleCI; npm/pnpm, uv, ruff, mypy, pytest, JUnit
Tooling / Analytics	Stripe, Clerk/Auth.js, PostHog, Google Analytics, Postman, Figma

## EDUCATION

<b>M.S. in Computer Science</b> — NYU Tandon School of Engineering	<b>GPA: 3.8</b>	<b>New York</b>	Sep 2024 – Jan 2026
<i>Relevant Coursework:</i> Artificial Intelligence, Machine Learning, Algorithms, InfoViz, Viz for ML, Linear Algebra, Network Security, DBs			
<b>Pre-Master with Distinction</b> — NYU Tandon School of Engineering		<b>New York</b>	Jan 2024 – Jun 2024
<b>B.S. in Data Science and Finance</b> — NYU Stern School of Business		<b>New York</b>	Sep 2019 – Jun 2023
<i>Minor in Computer Science and Mathematics</i>			
<b>HEC Paris — Exchange Program</b>		<b>Paris</b>	Sep 2022 – Dec 2022

## PROFESSIONAL EXPERIENCE

<b>New York University</b> — Graduate Teaching Assistant	<b>New York</b>	Sep 2025 – Present
<ul style="list-style-type: none"><li>Mentor and grade 40 students through a semester-long project, teaching software architecture and development workflows</li><li>Host weekly office hours and recitation sessions on modern development tools such as <i>uv</i>, <i>ruff</i>, <i>mypy</i>, and <i>Git</i></li><li>Provide detailed, constructive code reviews on student projects, focusing on design principles, testing strategies, dependency injection patterns, and documentation quality, and built a <a href="#">template</a> repo for students</li></ul>		
<b>Web0nd</b> — Tech Lead	<b>New York</b>	Mar 2025 – Present
<ul style="list-style-type: none"><li>Design system architecture for Web0nd, integrating a React Native mobile app, Java backend, and Next.js web platform</li><li>Currently managing 3 developers and deploying services on Google Cloud (Cloud Build / Cloud Run)</li><li>Achieved 1 Million+ impressions on Instagram &amp; maxed out waitlist capacity in one week of first campaign</li></ul>		
<b>Wavelink Internet</b> — Tech Lead	<b>New York</b>	Oct 2023 – Present
<ul style="list-style-type: none"><li>Designed entire Next.js platform architecture (TS, Tailwind) + API Routes over MongoDB/Mongoose for core models</li><li>Built a production-grade Stripe flow for trials, subscriptions, and one-time equipment (rent/buy) with coupons and a state-persistent, multi-step checkout UX</li><li>Orchestrated end-to-end automation: Stripe + Mailgun + Mailchimp webhooks/cron to update orders, attach tracking, and send personalized transactional emails; NextAuth.js secured server-protected customer dashboard</li></ul>		
<b>Goldman Sachs Asset Management</b> — 2022 Summer Analyst	<b>New York</b>	Jun 2022 – Aug 2022
<ul style="list-style-type: none"><li>Constructed investment strategies for multi-billion-dollar pension plans in a high-stakes setting</li><li>Generated interest rate hedging solutions leading to millions saved during the 2022 rate hikes</li></ul>		
<b>New York University</b> — Computer Science Department Tutor	<b>New York</b>	Jan 2022 – May 2022
<ul style="list-style-type: none"><li>Tutored dozens of students on key CS concepts as a member of the primary tutoring team</li></ul>		

## CODING PROJECTS (See <https://github.com/ivanearisty?tab=repositories&q&type=public&language&sort>)

**WelcomeHome** (Spring Boot, JDBC, JWT) — Role-based order-tracking backend with secure auth and prepared-statement SQL; clean endpoints show depth in Java backend design

**MLPromos** (Docker, FastAPI, MongoDB, Angular, spaCy, WebSockets) — Containerized NLP pipeline that detects promo codes and streams results to a web UI

**Codebase-to-Text** (VS Code extension, TypeScript) — Exports selected workspace/files into a single text bundle for LLM workflows; respects `.gitignore`

**RSA** (Next.js, Web Crypto API) — RSA-OAEP key pair generator with in-browser (privacy) encrypt/decrypt; [live demo](#)